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1 [Digital rights management for content distribution](#)

Qiong Liu, Reihaneh Safavi-Naini, Nicholas Paul Sheppard

 January 2003 ACSW Frontiers '03: Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003  
Volume 21

Publisher: Australian Computer Society, Inc.

Full text available: Pdf (224.63 KB) Additional Information: full citation, abstract, reference terms

Bibliometrics: Downloads (6 Weeks): 96, Downloads (12 Months): 680, Citation

Transferring the traditional business model for selling digital goods linked media to the online world leads to the need for a system to protect digital property. Digital Rights Management (DRM) is a system to protect high-

Keywords: DRM, digital content

2 [Towards improving packet probing techniques](#)

Matthew J. Luckie, Anthony J. McGregor, Hans-Werner Braun

November 2001 I MW '01: Proceedings of the 1st ACM SIGCOMM Workshop Measurement

Publisher: ACM

Full text available: Pdf (1.04 MB) Additional Information: full citation, abstract, reference terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 34, Citation

Packet probing is an important Internet measurement technique, supporting investigation of packet delay, path, and loss. Current packet probing techniques use Internet Protocols such as the Internet Control Message Protocol (ICMP) Datagram ...

Keywords: network path, packet delay, packet probing techniques

3 [Digital rights management for the online music business](#)

Sai Ho Kwok

June 2002 SIGecom Exchanges, Volume 3 Issue 3

Publisher: ACM

Full text available: Pdf (51.88 KB) Additional Information: full citation, abstract, reference terms

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 238, Citation

Digital rights management has become a pressing concern for the online world. Existing digital rights management systems are based on two license management models, the tethered model and the untethered model. These two license management models ...

**Keywords:** digital rights management, electronic business, electronic commerce, intellectual property, license management, online music business

#### 4 [Privacy protection for signed media files: a separation-of-duty approach to lightweight DRM \(LWDRM\) system](#)



Rüdiger Grimm, Patrick Aichroth

September 2004 MM&Sec '04: Proceedings of the 2004 workshop on Multimedia Security  
Publisher: ACM

Full text available: Pdf (256.47 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 47, Citation (

The aim of strong digital rights management (DRM) is to enforce usage policies on behalf of content providers. Strong DRM is not well accepted. Moreover, strong DRM is repeatedly circumvented and broken. Since Na

**Keywords:** LWDRM, light weight digital rights management, privacy, separation of duty, virtual goods

#### 5 [On implementing mpeg-21 intellectual property management and protection](#)



Nicholas Paul Sheppard

October 2007 DRM '07: Proceedings of the 2007 ACM workshop on Digital Rights Management  
Publisher: ACM

Full text available: Pdf (229.76 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 207, Citation

The MPEG-21 Intellectual Property Management and Protection ("IPMP") specifies a framework for inter-operable and renewable digital rights management systems. *IPMP tools* that implement proprietary digital rights management features ...

**Keywords:** MPEG REL, MPEG-21 IPMP, digital rights management, intellectual property

#### 6 [User-level internet path diagnosis](#)



Ratul Mahajan, Neil Spring, David Wetherall, Thomas Anderson

December 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on Operating Systems Principles  
Publisher: ACM

Full text available: Pdf (403.57 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 117, Citation

Diagnosing faults in the Internet is arduous and time-consuming, in part


network is composed of diverse components spread across many admin  
We consider an extreme form of this problem: can end users, with no sp  
...

**Keywords:** measurement tools, path diagnosis

Also published in:

December 2003 SIGOPS Operating Systems Review Volume 37 Issue 5

## 7 Import/export in digital rights management

 Reihaneh Safavi-Naini, Nicholas Paul Sheppard, Takeyuki Uehara

October 2004 DRM '04: Proceedings of the 4th ACM workshop on Digital rights management  
Publisher: ACM


Full text available:  Pdf (211.60 KB) Additional Information: full citation, abstract, reference terms

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 149, Citation (12 Months): 1

The inherently controlled nature of digital rights management systems can  
promote inter-operability of systems provided by different vendors. In this paper, we  
consider import and export functionality by which multimedia protected

**Keywords:** digital rights management, export, import, inter-operability

## 8 A measurement-friendly network (MFN) architecture

 Sridhar Machireju, Darryl Veitch

September 2006 I NM '06: Proceedings of the 2006 SIGCOMM workshop on Internet measurement  
management

Publisher: ACM


Full text available:  Pdf (274.23 KB) Additional Information: full citation, abstract, reference terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 28, Citation (12 Months): 1

Using active Techniques to measure networks, that is by injecting probe packets  
proved to be quite challenging for properties beyond simple end-to-end delay. In this paper,  
Some of the greatest difficulties have resulted from our inability to design

**Keywords:** MFN, active measurement, measurement-friendly network, network probing

## 9 Implementation of a mobile MPEG-21 peer

 Shane Lauf, Ian Burnett

November 2005 MULTIMEDIA '05: Proceedings of the 13th annual ACM international conference on Multimedia  
conference on Multimedia

Publisher: ACM

Full text available:  Pdf (91.15 KB) Additional Information: full citation, abstract, reference terms


Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 59, Citation (12 Months): 1

The MPEG-21 Multimedia Framework aims to realize interoperable access to digital content across heterogeneous networks and devices. Within the Framework, the Digital Items is introduced as a structured digital representation for multimedia

demonstrate ...

Keywords: MPEG-21, mobile applications, multimedia

#### 10 [Analysis of long duration traces](#)

 [Richard Neison](#), [Daniel Lawson](#), [Perry Lorier](#)


January 2005 SIGCOMM Computer Communication Review , Volume 35 Is  
Publisher: ACM

Full text available:  Pdf (341.68 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 31, Citation (

This paper introduces a new set of long duration captures of Internet tr:  
capture is being performed on a continuous on-going basis and is appro  
duration. Based on the current extent of the archive some typical analy:

#### 11 [Using SiTDRM for privacy rights management](#)

 [Farzad Salim](#), [Nicholas Paul Sheppard](#), [Reihaneh Safavi-Naini](#)

March 2007 CHI M T '07: Proceedings of the 2007 symposium on Compute  
interaction for the management of information technology

Publisher: ACM

Full text available:  Pdf (78.44 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 42, Citation (

SiTDRM is a privacy protection system that protects private data throug  
enforcement of MPEG REL licenses provided by consumers. Direct issuin  
consumers has several usability problems that will be mentioned in this  
...

Keywords: DRM, MPEG-21, P3P, privacy protection

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